

REMARKS

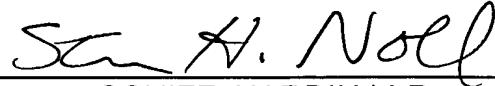
In the Office Action dated September 21, claims 16, 17, 36 and 37 were rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. The Examiner stated that the fact that the maximum deflection can be the peak-to-peak deflection, or can be the baseline-to-peak deflection makes the distinction between the terms "negative downstroke" and "amplitude", as used in the aforementioned claims, indefinite. In response, each of those claims has been amended to use the generic term "magnitude", with claims 16 and 36 referring to the largest negative magnitude, and claims 17 and 37 referring to the largest positive amplitude. Since neither of those descriptions is inconsistent with peak-to-peak deflection or baseline-to-peak deflection, no indefiniteness or ambiguity exists in any of claims 16, 17, 36 or 37. All of those claims are therefore submitted to be in full compliance with all provisions of Section 112, first paragraph.

Additionally, claims 23, 29 and 30 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite. In claim 29, the Examiner stated the phrase "said filtering with a matched filter having a template" should be rephrased in apparatus terms, which has been done. Due to a word processing error, claim 24 was included in claim 23 as presented in Amendment A, and therefore claim 23 has been amended to remove claim 24 therefrom.

Claims 23, 29 and 30 are therefore submitted to be in full compliance with all provisions of Section 112.

All of the claims were stated to avoid the prior art of record, and claims 1-15, 18-22, 24-28, 31-35 and 38-40 were stated to be allowable. In view of the amendments to claims 16, 17, 23, 29, 30, 36 and 37 to correct the informalities

under Section 112, all claims of the application are submitted to be in condition for allowance. Early reconsideration of the application is therefore respectfully requested.

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